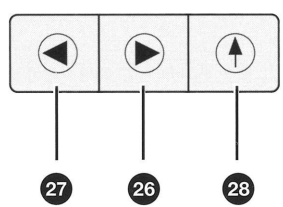
AUDIO

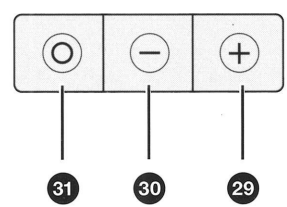
Blaupunkt 2620

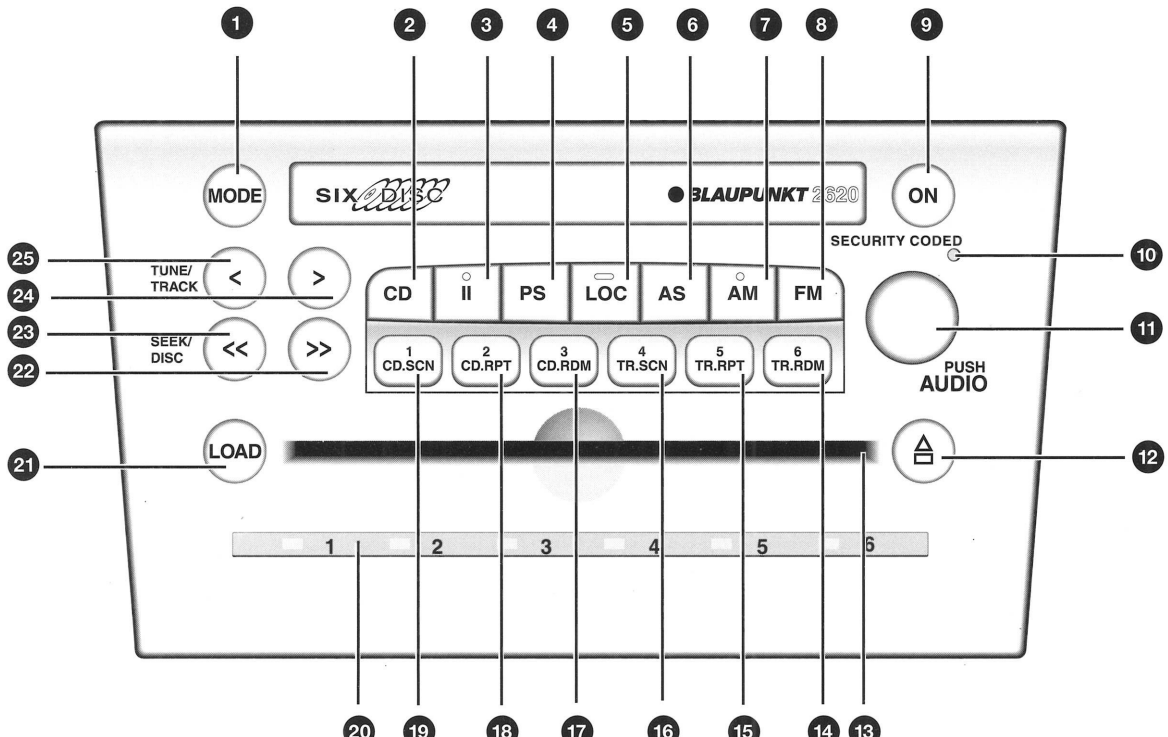
HOLDEN

LHS Steering Remote Control



RHS Steering Remote Control




1
2
3
4
5
6
7
8
9
MODE
SIX DISC
BLAUPUNKT 2620
ON
SECURITY CODED
10
25
TUNE/
TRACK
<
>
CD
II
PS
LOC
AS
AM
FM
24
11
23
SEEK/
DISC
<<
>>
1
CD.SCN
2
CD.RPT
3
CD.RDM
4
TR.SCN
5
TR.RPT
6
TR.RDM
22
PUSH
AUDIO
LOAD
21
12
1
2
3
4
5
6
20
19
18
17
16
15
14
13

Security Code

Your radio includes an electronically coded security system. This security system relies on an unique PIN code to enable operation of your radio. The number only needs to be entered if the car's battery has been disconnected or if the radio has been removed from the car. Please refer to the security release procedure.

If an incorrect PIN code is entered, the radio will not operate, and there will be a time delay before the PIN code can be re-entered.

DO NOT SWITCH OFF THE RADIO DURING THE WAITING TIME.

The waiting time is approximately 10 seconds for the first 2 attempts, then 10 minutes, and up to 11 hours by the tenth attempt. The number of attempts remaining is shown in the display.

After the tenth attempt 'DEALER' appears in the display and the set is blocked. Contact your Holden Retailer to put the set back into operation.

Because the PIN code is the only means of enabling operation of the radio, we recommend that the Security Card is kept in a safe place and NOT IN THE GLOVEBOX OF YOUR CAR.

If your card is lost, and the PIN code is not recorded elsewhere, the PIN can be requested from your Holden Retailer after supplying the relevant proof of ownership. There may be a charge for this service.

Please Note: For added security a small red light on the radio blinks while the ignition is off.

Security Release Procedure

Radio PIN Code:

1. Switch on ignition.
2. Switch on the radio, if turned off.
3. The display shows 'CODE'.
4. Press and hold button **AS** 6, until a beep is heard and release the AS-button.

   The display shows '10 _ _ _ _', which indicates that you have ten attempts left at entering the correct PIN code.
5. Enter the PIN code (see Security Card) with preset buttons 1, 2, 3 and 4.

Example:

If the PIN code belonging to the radio is 3650.

			Display
Press preset button	1	4 times	10 3 _ _ _
Press preset button	2	7 times	10 3 6 _ _
Press preset button	3	6 times	10 3 6 5 _
Press preset button	4	1 time	10 3 6 5 0

6. Press button **AS** 6 until a beep is heard and the radio starts operating.
   If a wrong PIN code has been entered the display will show '9 SAFE'. After the waiting time '9 _ _ _ _' will be shown on the display indicating that there are nine attempts left. The correct code should now be entered.

In Car Entertainment

This handbook contains all the information you will need to operate the in-car entertainment equipment fitted in your Holden car. It is recommended that you read this handbook as this will greatly assist in obtaining the best performance from your system.

There are also sections on radio reception and care and maintenance of your CD's. We wish you many hours of pleasurable listening.

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Overview

Controls

No.	Symbol	Function
1	MODE	Mode change (FM1/FM2/ AM/CD/AUX INPUT/FM1 etc)
2	CD	CD mode on
3	II	CD mode: Pause selector
4	PS	Radio mode: Preset scanning
5	LOC	Radio mode: Local/Distance selector
6	AS	Radio mode: Automatic Storing of radio stations
7	AM	AM Band selection
8	FM	FM Band selection
9	ON	Press to switch radio on/off
10		Security indicator light
11		Volume control: Turn Audio menu: Push (Bass / Treble / Fader / Balance selector)
12	⏏	CD eject
13		CD loading slot
14	6 TR RDM	Radio mode: Preset button 6 CD mode: Random track play
15	5 TR RPT	Radio mode: Preset button 5 CD mode: Track repeat
16	4 TR SCN	Radio mode: Preset button 4 CD mode: Scan track
17	3 CD RDM	Radio mode: Preset button 3 CD mode: Random DISC play
18	2 CD RPT	Radio mode: Preset button 2 CD mode: DISC repeat
19	1 CD SCN	Radio mode: Preset button 1 CD mode: DISC scan
20		CD Changer status indicator
21	LOAD	Loading DISCs
20	>>	Radio mode: Seek tuning CD mode: DISC selection
28	<<	Radio mode: Seek tuning CD mode: DISC selection
24	>	Radio mode: Manual tuning CD mode: Track selection
25	<	Radio mode: Manual tuning CD mode: Track selection

Steering Wheel Mounted Remote Controls

No.	Symbol	Function
28	▶	Radio mode: Seek/manual tuning up CD mode: Next track/cue
27	◀	Radio mode: Seek/manual tuning down CD mode: Previous track/ review
28	↑	Radio mode: Next preset station CD mode: Next disc
29	+	Increase volume Audio menu: Increase setting
20	-	Decrease volume Audio menu: Decrease setting
31	O	Source select: FM1/FM2/AM/ CD/AUX INPUT/FM1 etc Audio menu: Bass/Treble/ Fader/Balance

Switching on/off

ON Switch the radio on and off by pressing button 9.

On/Off (using ignition key)

When the car's ignition is switched off and the key removed, the radio (if operating) will be switched off. When the ignition is switched on again the radio will also be switched on.

On/Off (without ignition key)

The radio can also be switched on and off without using the car's ignition key by pressing the **ON** button 9. The radio will operate for approximately 1 hour. Once this period has elapsed the radio automatically switches off and will not operate until the **ON** button 9 is pressed again.

The radio can be turned on (if off) with the following buttons:

- **ON** button 9
- **CD** button 2
- **FM** button 9
- **AM** button 7
- **MODE** 1 button
- **LOAD** button 21 follows by CD insertion.

Source Selection

Press the **MODE** 1 button repeatedly to select the different sources, FM1/FM2/AM/CD/AUX INPUT (or FMAS/AMAS/CD/AUX INPUT) one after another.

Volume Control

Volume

Turning the knob clockwise will increase the level, turning it anticlockwise will decrease the level.

Press knob to activate and change Audio mode (Bass - Treble - Fader - Balance). The active mode will be shown on the display. After 2 seconds the display will return to former mode.

Fader Control

To shift sound towards the rear or front, press the audio selector (Volume knob) three times, to select the Fader mode. This will be confirmed on the display by 'FADER' with the current setting. While in this mode, turn selector knob clockwise or anti-clockwise to shift the sound towards the front or rear. After 2 seconds the display will return to the former mode.

If there are only front speakers fitted to the vehicle (check with your Holden Retailer) then adjusting the fader to the rear will not produce any sound.

Balance

To shift the sound towards the right or the left press the audio selector (Volume knob) four times, to select the Balance mode. This will be confirmed on the display by 'BALANCE' with the current setting. While in this mode, turn selector knob clockwise or anti-clockwise to shift the sound towards the right or left. After 2 seconds the display will return to the former mode.

Please Note: When the radio is turned on, it will return to the volume level that was last used, unless this level exceeds a factory pre-determined limit, in which case it will resume at this limit.

This predetermined limit can be changed by your Holden Retailer.

Tone Control

Independent Tone Memories

This radio is equipped with Independent Tone Memories. Bass and Treble can be independently set for each listening mode such as AM, FM, CD, AUX Input and Telephone.

In addition, volume, fader and balance can be adjusted in Telephone or AUX Input mode without affecting these settings in Radio or CD mode.

Bass

Press the audio selector (Volume knob) once to select the Bass mode. This will be confirmed on the display by 'BASS' with the current setting. While in this mode, turn the selector knob clockwise or anti-clockwise to adjust the bass to the desired level. After 2 seconds the display will return to the former mode.

Treble

Press the audio selector (Volume knob) twice to select the Treble mode. This will be confirmed on the display by 'TREBLE' with the current setting. While in this mode, turn the selector knob clockwise or anti-clockwise to adjust the treble to the desired level. After 2 seconds the display will return to the former mode.

Radio Operation

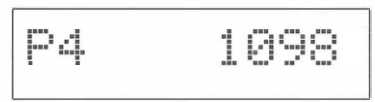
Selecting Waveband

AM Band:

Press button **AM** 7 to select AM band.

FM Band:

Press button **FM** 8 to select FM band or to switch between FM1 and FM2.



Preset Station

Tuning-in a station

You can tune-in stations in different ways:

- Automatic seek
- Manual tune
- Auto-store (AS)

Automatic Seek Tuning:

This function seeks radio stations automatically. Press button **SEEK/DISC >>** 22 to automatically select the next higher frecuency radio station. Press button **<< SEEK/DISC** 23 to automatically select the next lower frequency radio station. During this operation, the radio is muted. As the radio can seek weak and noisy distant radio stations, it is recommended to switch the radio to LOCAL mode.
To do this, press button **LOC** 5. The current mode ('LOCAL ON' or 'LOCAL OFF') is displayed.

Local mode is active

Press the button **LOC** 5 whilst the current mode is shown to switch between LOCAL ON or LOCAL OFF mode.

- In LOCAL ON mode, the radio will first search for strong stations. If no strong station can be found it will search for any receivable station.
- In LOCAL OFF mode the radio will search for any receivable station (useful in areas where there are no strong stations).

The LOCAL ON/OFF setting does not affect the AS function (refer to section 'Automatic Storing').

Manual Tuning:

To tune-in stations of which the frequency is known, press and hold one of the tuning button **TUNE/TRACK >** 24 or **< TUNE/TRACK** 25. Fast tuning starts and will continue until you release the button. During this operation the radio is muted.

Briefly tap tuning button **TUNE/TRACK >** 24 or **< TUNE/TRACK** 25 to move in steps of 9 kHz for AM or 0.1 MHz for FM until the right frequency is displayed.

Station on FM Band

MUTE

To instantly mute the radio or an auxillary source, press button ⏸ 3 once.

MUTE is active

To listen to the radio or an auxillary source, press button ⏸ 3 again.

If you change source, the radio will un-mute.

Storing Stations

Storage locations for 30 stations are available.

- 6 x FM1
- 6 x FM2
- 6 x AM
- 6 x FM AS
  (Automatically-Stored FM stations)
- 6 x AM AS
  (Automatically-Stored AM stations)

Storing a Radio Station into a Preset

1. Select the required waveband, AM, FM1 or FM2 by button **AM** 7 or **FM** 8.
2. Tune to the desired station by means of:
   - Automatic seek tuning or
   - Manual tuning
3. Press and hold the desired preset buttons 1 to 6 until the radio is briefly muted or beep is heard (if beeps are turned on, refer to section headed 'Confirmation Beeps' elsewhere in this handbook), indicating that the chosen radio station is stored into the preset.

During the storing process the currently stored station is shown.

The previously stored station is then replaced and the selected preset number '1 to 6' appears in the display.

4. Program the other preset buttons in the same way.
5. Repeat the above mentioned operation for the other wavebands AM, FM1 and FM2.

Tuner Preset Scan (PS)

Press button **PS** 4 in radio mode to scan through all the presets in the current radio band. Each preset will be scanned for 10 seconds.
If the current listening station is in one of the presets, scanning will start from the next preset.
If the current listening station is not in any of the presets, the scanning starts from preset 1 until preset 6.
To resume listening to the current scanned preset, press the button **PS** 4 again.
Preset scan function stops after one cycle.

Automatic Storing (AS)

This feature allows the storage of an extra 6 AM and 6 FM radio stations. It is of great benefit when away from the home location, as the strongest radio stations can be stored without knowing their frequency, and does not delete the stations already stored on FM1, FM2 or AM bands.

Programming by Automatic Storing

Select the desired waveband with the button **AM** 7 or **FM** 8.
Press button **AS** 6 for at least 2 seconds until the audio is briefly muted and a beep is heard (only if confirmation beep is active). Search tuning starts. 'AS' appears in the display.

Search tuning during Auto-Store

After the Auto-Store process has finished, the six strongest stations in this reception area are stored. The radio will play the station stored on preset 1.

If you have travelled beyond the range of the stored stations, you may wish to repeat the process again to store new strong stations.

To alternate between the AS radio stations and your normally stored radio stations (on FM1, FM2 or AM), briefly press the button **AS** 6.

Whenever you are using the AM AS or the FM AS bands, 'AS' will also be shown in the display.

You can also store stations manually on the AS storage locations (see 'Storing a Radio Station into a Preset').

Recalling Stored Stations

Select the desired waveband with the button **AM** 7 or **FM** 8.

Press the desired preset button.
To select one of the stations stored with Auto-Store, select waveband AM or FM, then briefly press button **AS** 6. Now press the desired preset button.

Station on FM AS stored on Preset 4

Radio Reception

Due to varying reception locations, car radios have performance limitations that may on occasions create the impression that your radio is malfunctioning. To assist you in understanding what can be expected from your radio, we have set out below how reception may vary from time to time and under certain conditions.

AM and FM

There are two types of radio broadcasts in Australia, AM or Amplitude Modulation in which the amplitude of the signal is varied to produce the sound and FM or Frequency Modulation in which the frequency is varied to produce the sound.

Range

AM broadcasts tend to follow the earth's curvature and also reflect from the upper atmosphere, which enables long range reception, especially after sunset.

FM transmissions are basically line-of-sight (similar to TV signals) and are reflected by buildings, mountains etc., but not by the upper atmosphere.

Interference

Interference is caused by either natural or man made electrical disturbances. This can affect the amplitude of the signal being received. AM signals are more prone to this type of interference than FM signals. This type of interference has little or no effect on the frequency of the received signal, thus

AM is susceptible to interference from power lines, fluorescent lighting, neon signs, traffic light control circuits, overhead tram wires and electrical storms. With FM reception, these amplitude variations are filtered out, leaving a relatively clear signal (refer to 'Peculiarities of FM Mobile Reception), making this one of the major advantages of FM broadcasts.

Peculiarities of FM Mobile Reception

A mobile FM radio cannot be expected to continously provide the quality of FM reception you may have experienced on your home radio. Contrary to popular opinion, FM broadcasts are not static free, and although your radio has a built-in electronic interference absorption circuit, some static will be evident from time to time, especially in areas without a direct line of sight to the transmitter.

Your radio is also equipped with a soft mute function. The purpose of this is to attenuate the treble and audio level in weak signal areas to reduce the very annoying background hiss, which is customary to weaker FM reception. There are two phenomena peculiar to FM reception.

- **Flutter** - As FM signals reflect off solid objects, it is possible to pass through areas of 'SHADOW' caused by tall buildings and/or hilly terrain, which effectively blocks out the signal. As the car passes in and out of shadow areas, the level of signal will vary at a rapid rate, creating a flutter type of interference to the signal.
- **Distortion (Multipath) -** Distortion may occur when the direct signal from the transmitter and a reflected signal reach the antenna at the same time and either cancel or aid each other, like ghosting on a TV. This results in intermittent distortion of the signal whilst moving or constant distortion when stationary, such as at a traffic light or when parked. Should this distortion occur while stationary, moving the car approximately 1 or 2 metres would on most occasions correct the problem.

To reduce the effects of interference and/or poor signal strength, several features have been included within the radio which work automatically when needed:

- **Noise Blanking Circuit** (FM interference suppression) - To reduce pulse interference, a Noise Blanking Circuit is included.
- **Soft Muting Circuit** - The built-in Soft Muting Circuit will reduce the FM stereo separation and treble response if the signal from the radio station diminishes. This effectively lessens the amount of hiss and background noise that is usually heard with weaker FM signals.
- **Multipath Detection Circuit** - If repeated multipath signals are received, the circuitry will switch the radio into MONO mode and slightly reduce the treble response. It will gradually return to STEREO with full treble response when multipath conditions are no longer being experienced.

CD Changer Operation

The CD changer allows you to load and play any track from up to six CDs. The changer is built into the radio and CDs are loaded through the single slot 13 on the front face of the radio, after pressing the button **LOAD** 21 (refer to Loading CDs on this page).

Please Note:

The CD changer is designed for standard 12 cm CDs only. Using incorrect sized CDs (eg. 8 cm or 3 inch CDs) may damage the changer or disc, even if an adapter is used.

It is not possible to play CD-RW discs.

CD Symbol

The **CD** symbol is shown on the display whenever there is a CD loaded in the CD player even in radio or AUX INPUT mode.

CD Changer Status Indicator

Different colours of the indicator shows:

Blinking green: loading or ejecting CD

Constant green: ready for playing

Amber: remove CD/CD in slot but not playing

The indicators of slots which are not occupied will not be lit.

Loading a CD

To load a CD into the CD changer, briefly press the button **LOAD** 21; 'WAIT' is displayed. When the player is ready to accept the CD, 'INSERT CD' will be displayed, CD slot 13 will be lit and the radio will make a beep sound (if beeps are turned on). Insert the CD with the label surface facing upwards into the CD slot 13 until the mechanism pulls the CD inside.

After the CD has been accepted, the player begins with the first track on the CD.

If the CD has been inserted incorrectly, the display will show 'DISC ERROR', the error disc will be ejected and the display shows 'REMOVE CD'.

The display shows the number of the CD that is playing and the track.

The CD will be loaded into the first available slot by default. Another slot can be selected by pressing the preset button of the selected slot within 2 seconds after pressing the button **LOAD** 21. For example if you wish to load a disc into slot 4, briefly press the button **LOAD** 21 then the preset button 4 16 within 2 seconds. The LOAD function can be cancelled by briefly pressing the button **EJECT** 12, turning the radio OFF, or it will automatically cancel if no disc has been inserted for 10 seconds after the 'INSERT CD' message is displayed. The radio will resume playing in the previous mooe before loading enabled.

Loading all CDs

A function has been included to allow loading of up to six CDs without having to repeatedly press the button **LOAD** 21.

To start the 'LOAD ALL' function, push and hold the button **LOAD** 21 for more than 2 seconds until a beep is heard (if beeps are turned on) and the display shows 'LOAD ALL'.

The display and the light in the CD slot 13 will prompt you when it is time to insert each CD, accompanying by a beep sound (if beeps are turned on).

This function will be cancelled automatically when no CD has been inserted for 10 seconds, by briefly pressing the button **EJECT** 12, or turning the radio OFF.

Please Note:

It is possible to insert and load CDs while the car's ignition is turned off. Playback will commence immediately after loading CDs.

Ejecting a CD

To remove the currently selected CD from the CD changer, briefly press the button **EJECT** 12. When the CD is being ejected the display shows:

When the CD is ready for removal from the CD slot 18, the display shows:

The light in the CD changer status indicator 20 will flash green when CD is being ejected then turn to amber colour when it is ready for removal, accompanying by a beep sound (if beeps are turned on).

If you wish to eject a CD that is not the currently selected CD, for example you wish to eject CD4 when the currently selected disc is CD2, briefly press the button **EJECT** 12, followed by the corresponding Preset button number of the disc you wish to eject within 2 seconds.

The EJECT function can be cancelled by briefly pressing the button **LOAD** 21 or turning the radio OFF.

Please Note:

If an ejected CD is not removed within 10 seconds, it will be automatically reloaded to protect it from accidental damage.

Ejecting all CDs

All CDs within the CD changer can be ejected by pushing and holding the button **EJECT** 12 for more than 2 seconds until 'EJECT ALL' appears on the display and a beep is heard (if beeps are turned on). The display and the light in the CD changer status indicator 20 will prompt you when it is time to remove each CD, accompanying by a beep sound (if beeps are turned on).

The EJECT ALL function can be cancelled by briefly pressing the button **LOAD** 21, or turning the radio OFF.

Please Note:

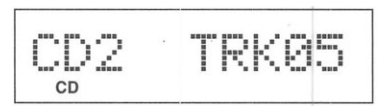
It is possible to eject a CD or all CDs when the car ignition is off but the radio will switch off after removing CD (or CDs).

Playing CDs

- Press the button **ON** 9 if the previously mode was CD.
- Press the button **CD** 2 if the previously mode was Radio (FM1, FM2, AM or FM AS, AM AS) or AUX INPUT.
- Press the button **O** 31 on the Steering Wheel Remote Controls until CD mode is selected.
- Press the button **CD** 2 to turn on the radio in CD source.
- Press the button **MODE** 1 until CD mode is selected.
- Press the button **LOAD** 21 and load in CD.

When CD source is selected the display shows:

During playing a CD the display shows the CD number and track number:



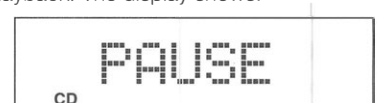
Stopping a CD

Press the button **AM** 7 or **FM** 8 briefly to stop CD playback and resume in radio mode or press the button 9.

You may also press button **MODE** 1 to switch to AUX INPUT.

Pausing a CD

Press the button **II** 3 to pause the CD playback. The display shows:



Press it again to continue playing the CD.

CD Endless Playback

When the player reaches the end of a CD, it automatically loads and plays the next CD, if no other CD is available it returns to the start and plays the current CD.

If all discs were loaded and played e.g. CD6 then the next CD to be played is CD1.

CD Selection

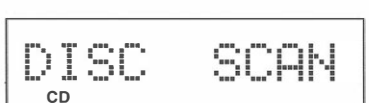
When more than one disc has been loaded into the CD changer you can select which one to play by the following methods:

- Briefly press button **SEEK/DISC >>** 23 to select the next available disc.
- Briefly press button **<< SEEK/DISC** 23 to select the previous disc.
- Press the button ↑ 23 on the steering wheel remote control to select the next available disc.
- Press and hold preset button of the disc you require to play.

CD Scan

Briefly press the button **CD.SCN** 19 to sequentially sample the first 10 seconds of the first track on each disc in the CD changer.

The display shows briefly:



then:

To cancel the CD SCAN function briefly press the button **CD.SCN** 19 again.

CD Repeat

Briefly press the button **CD.RPT** 18 to continuously repeat the current disc.

The display shows briefly:

then:

When the current disc reaches the end of the last track it will automatically begin again at the start of the first track instead of changing to the next disc.

The DISC REPEAT function can be cancelled by pressing the button **CD.RPT** 18 again.

CD Random

When this feature is selected a disc will be randomly selected from those loaded. One random track will then be played from that disc, then another disc and track will be selected randomly until all tracks on all discs have been played. After this the process will be repeated. To switch on random play, press the button **CD.RDM** 17 during CD playback.

The display shows:

then:

To switch off the random play, press the button **CD.RDM** 17 again during CD playback. If the button **TUNE/TRACK >** 24 or **SEEK/DISC >>** 23 is pressed whilst in random play mode, the next random selection will be made immediately.

Track Selection

You can select a desired track on a CD by briefly pressing button **TUNE/TRACK >** 24 or **< TUNE/TRACK** 23.

Press button **TUNE/TRACK >** 24 to go on the next track or press repeatedly until desired track appears in the display.

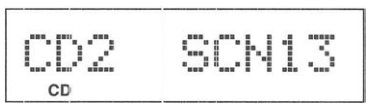
Press button **< TUNE/TRACK** 23 to go back to the start of the current track or press repeatedly until desired track appears in the display.

Track Scan

Press the button **TR.SCN** 16 to sequentially sample the first 10 seconds of all tracks on the CD.

During the track scanning the display shows:

then:



Press the button **TR.SCN** 16 again to stop scanning and listen to the current track.

Track Repeat

Press the button **TR.RPT** 15 to replay the current track.

The display shows:

then:

Press the button **TR.RPT** 15 again to stop the repeat or press button **TUNE/TRACK >** 24 to go to the next track.

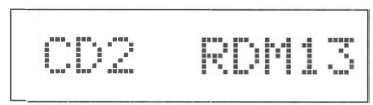
Track Random

When this feature is selected, all tracks on the CD will be played in random order.

To switch on the random play, press button **TR.RDM** 14 during CD playback.

The display shows:

then:



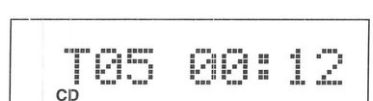
To switch off the random play press the button **TR.RDM** 14 again during CD playback.

If button **TUNE/TRACK >** 24 is pressed whilst in random play mode, the next random selection will play.

Fast Forward/Fast Back (Track Cue/Review)

Press and hold the button **TUNE/TRACK >** 24 or **< TUNE/TRACK** 25 to rapidly move forward or backward within the track.

Pressing the button **TUNE/TRACK >** 24 or **< TUNE/TRACK** 25 more than 2 seconds will show the current track and its play time.



CD Changer Memory

Under severe vibration the CD laser may not be able to maintain the extremely precise focus needed to read the tiny pits on the surface of the CD. When the laser focus is temporarily lost the data being read from the CD will also be temporarily interrupted. Your CD changer is therefore fitted with a memory buffer that holds approximately seven seconds of music which is used to prevent interruption over severely bumpy surfaces. Should the severe vibration last for longer than seven seconds the memory buffer may become empty and playback will be interrupted or stop until the mechanism has time to refocus, read the disc and refill the memory buffer.

This situation should very rarely occur under normal driving conditions.

Playing Recordable CDs (CD-Rs or CD-RWs)

It is possible to play CD-Rs on this radio, however, depending on the type/condition of the recording equipment and the blank disc used, some CD-Rs may not play consistently or at all.

CD-RWs (rewritable CDs) are not compatible with this radio and will not play.

Error Messages from the CD Changer

In some cases the changer may have problems playing, loading, or ejecting some CDs. If this happens one of the following error messages may appear on the display:

1. 'DISC ERROR' (after CD loading):

   CD cannot be read anymore; displays 'DISC ERROR' then ejects CD. In this instance the radio will resume playing. You have to remove the disc within 10 seconds before it reloads into the changer again.

   Check if the CD have been loaded upside down (the label surface should be facing upwards). This message may also be displayed if a CD is dirty or scratched. Inspect the CD surface for problems and clean if necessary.

   'DISC ERROR' will also be seen when try to play CD-RW or DVD.

2. 'MECH ERROR' (during CD playback):

   A CD is caught in the changer mechanism.

3. 'NO DISC' when 'CD CHANGER' source is selected via button **CD** 2 or button **MODE** 1 but there is no CD in the CD player.

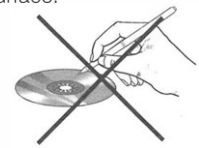
Please Note:

CD ROM, MP3 CD and Video-CD will play normally without any audio. No error will be reported.

Notes on Compact Discs

- Handle the CD by its edge and avoid touching the playing surface.

- Do not stick paper or tape or write on either surface.



- Do not expose the CD to direct sunlight or a heat source such as a hot air duct.

- Before inserting into the CD changer, clean the CD with a cleaning cloth. Wipe the CD from the centre outwards, rather than in a circular motion. See diagram

- Do not use solvents such as petrol, thinners etc. Use commercially available CD cleaners.

AUX Input Mode

An auxiliary audio player such as a portable CD, MD, MP3 or even DVD player, can be connected to the car radio.

Please contact your Holden Retailer or Blaupunkt for fitment.

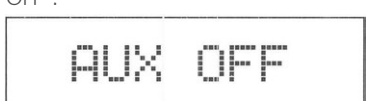
Important

When this feature is used for the first time:

- The AUX Input mode has to be set to ON.
- An appropriate AUX limiting volume has to be set accordingly in AUX mode.
- Adjust the listening volume with **Volume control** 11 and the auxiliary player.

AUX On/Off Adjustment

- Press the button **MODE** 1 for at least 3 seconds until you hear a confirmation beep (if BEEP ON has been set). The display shows the current setting 'AUX OFF'.



- Press tuning button **TUNE/TRACK >** 24 or **< TUNE/TRACK** 23 within 8 seconds to select 'AUX ON'.

Play the AUX Input Mode

- Press the button **MODE** 1 once or repeatedly until 'AUX INPUT' is seen in the display.
- Press the button **ON** 9 if the previously mode was AUX INPUT.

Limiting the AUX Input Volume

When AUX Input mode is selected via button **MODE** 1, the previously adjusted volume will be heard, but you would need to limit this volume level to avoid differences between sources and reduce distortion levels by performing the following steps:

- The limiting volume can only be set while playing the AUX mode.
- To set the value of this limiting volume, press button **MODE** 1 for at least 3 seconds until you hear a confirmation beep. Display shows 'AUX ON'. Press **SEEK/DISC >>** 22 or **<< SEEK/DISC** 23 within 8 seconds to display the current AUX Limiting Volume e.g. 'AUX VOL 20' (factory default setting is 'AUX VOL 0').
- Set the desired setting by pressing Tune button **TUNE/TRACK >** 24 or **< TUNE/TRACK** 25 within 8 seconds The setting will be automatically stored if no adjustment is done within 8 seconds or by selecting other audio modes.

Volume Control in the AUX mode

There are 2 ways of adjusting the desired volume level in AUX source.

- Firstly, adjust the auxiliary player's volume control to a medium level using the volume control on the player itself. Take care that this volume level matches the radio's AUX mode input sensitivity of 2V/ 6 kΩ (nominal).
- After having done this, adjust the radio's volume with **Volume Control** 11 to a comfortable listening level.

Please Note:

If the AUX mode sounds unusually distorted, the volume setting on the AUX player itself may need to be adjusted until the sound quality is improved.

Please contact your Holden Retailer or Blaupunkt for further information.

Independent Tone Memories in the AUX mode

Beside Treble and Bass controls, you may adjust separate Fader and Balance controls for AUX mode.

Steering Wheel Mounted Remote Controls

To increase driving safety and to improve ease of operation, some of the radio functions can be controlled by the remote controls on the steering wheel.

The following functions are available:

Overview

No.	Symbol	Function
26	▶	Radio mode: Seek tuning up CD mode: Next track CD mode: Push and hold: Cue
27	◀	Radio mode: Seek tuning down CD mode: Previous track CD mode: Push and hold: Review
28	↑	Radio mode: Next preset station CD mode: Next disc
29	+	Increase volume Audio menu: Increase setting
30	-	Decrease volume Audio menu: Decrease setting
31	O	Source select: CD/AUX INPUT/ FM1/FM2/AM/CD etc. Audio Menu: Bass/Treble/ Fader/Balance

Preset Station and CD select

Briefly pressing the button ↑ 28 on the steering wheel remote will perform the following functions:

Radio – Advances to the next stored radio stations on the current AM or FM band in increasing preset number.

CD – Advances to the next CD.

Search Radio Station or Track Select

Briefly pressing the button ▶ 26 on the steering wheel remote will perform the following functions:

- Radio – Searches for the next receivable radio station on the current AM or FM band in increasing frequency.
- CD – Advances to the next track on the CD.

Pushing and holding this button for 2 seconds or more:

- CD – Rapidly moves forward within the track (cue).

Briefly pressing the button ◀ 27 on the steering wheel remote will perform the following functions:

- Radio – Searches for the next receivable radio station on the current AM or FM band in decreasing frequency.
- CD – Returns to the start of the current track, or previous track.

Pushing and holding this button for 2 seconds:

- CD – Rapidly moves backward within the track (review).

Volume Adjustment

The button + 29 or button - 26 adjusts the volume up or down respectively. The buttons can either be pressed and held until the desired volume is reached, or briefly pressed several times to raise or lower the volume gradually.

Source Selection

Press the button **O** 31 to scroll through all of the sources in the following order:

FM1– FM2 – AM – CD – AUX INPUT – FM1 etc.

Or, if the AS indicator is shown on the display:

FM AS – AM AS – CD – AUX INPUT – FM AS etc.

Briefly press the button **AS** 6 to switch between AS and normal radio bands.

Audio Menu Adjustment

Press the volume control 11 to activate and select audio menu.

When any of the audio menu (Bass/Treble/ Fader/Balance) is on the display, you can select the next menu by pressing the button **O** 31 once or as many times as required.

Increase or decrease setting by pressing the button + 29 or - 26.

Additional Features

Speed dependent volume control

The speed dependent volume control adjusts the volume depending on the vehicle speed. As the vehicle increases in speed, the volume of the radio also increases to compensate for the associated speed noises.

Please Note: This feature will not always compensate for the driving noise. There are other variable factors such as road surface, wind noise, windows open, engine speed etc. that may alter the interior noise for any given road speed.

For this reason there are five different levels of compensation available to allow you to find the level of compensation that best suits your average driving conditions.

You can select the compensation curves between 0 (off) and 5 (maximum compensation) as follows:

- Press button **LOC** (5) for at least 3 seconds until you hear a confirmation beep (no beep if 'BEEP OFF' previously set). The display shows the current setting, for eg. 'SD-VOL 2'.
- Press tuning buttons (24, 25) within 8 seconds to select the desired setting between 'SD-VOL 0' and 'SD-VOL 5'.
- To store the selected setting, press button **LOC** (5) again for at least 3 seconds until you hear a confirmation beep (no beep if 'BEEP OFF' previously set).

If you don't store the new setting within 8 seconds after the last press of a button, it will not be stored. To turn this feature off, select and save 'SD-VOL 0'.

Confirmation Beeps

Audible beeps are used to confirm various actions of the radio such as storing a radio station.The radio will make a beep to confirm the LOAD ALL or EJECT ALL function has started. The beeps can be turned on or off as follows:

1. Switch off the radio by pressing button **ON** (9).
2. Press preset buttons **3** and **5** (17 and 15) together and keep pressed.
3. Switch on the radio and keep preset buttons **3** and **5** (17 and 15) pressed until the display shows 'BEEP OFF' or 'BEEP ON'.
4. Select 'BEEP ON' or 'BEEP OFF' with the tuning buttons (24 or 25).
5. To store the new setting press preset buttons **3** and **5** (17 and 15) again for at least 3 seconds until you hear a confirmation beep.

If you don't store the setting within 8 seconds after the last press of a key, the new setting will not be stored.

Master Reset

The radio has a reset function built in to enable you to instantly reset all adjustment to the factory standard. This feature is most useful when adjustments have been made that affect the sound quality or operation of the radio and you are unsure of how to return the original neutral settings. Master Reset will reset the followings:

- Bass, Treble, Fader, Balance to standard
- Volume
- Confirmation Beeps
- Phone volume
- AUX Input On or Off and AUX volume

Performing the Master Reset

1. Turn off the radio.
2. Simultaneously press and hold the preset button 4 (16) and the button **ON** (5) for 3 seconds.

After the reset this radio will turn on with the standard settings, no message will be displayed.

Car Telephone

This radio includes a telephone input facility. If a mobile phone hands-free kit with suitable features (such as a mute line and wiring for separate speaker) has been connected to it, the radio will be muted when the phone rings and the voice of the caller will be heard through the car's speakers. When the call ends the radio will return to the previous mode.

During a call 'PHONE' will be shown on the display.

If the radio system is off, it will turn on for the telephone call if the car's accessories or ignition is already switched on.

If a call is in progress when the accessories are turned off and keys are removed from ignition, the radio will remain turned on in Telephone mode until the phone call is completed, i.e. does not interrupt your phone conversation.

Volume, Bass, Treble, Fader and Balance can all be adjusted in the Telephone mode without affecting these settings in radio, CD or AUX mode.

Important

When this feature is used for the first time, the volume may need to be adjusted on the phone as well as the radio. This should be done while a call is being made. Firstly, adjust the phone's volume to a medium level using the volume control on the phone itself. The radio's volume may now be adjusted as required to compensate for variations in the mobile phone signal quality or changes in the background noise within the car e.g. if the window is wound down.

Please Note:

If the call sounds unusually distorted, the volume setting on the phone itself may need to be adjusted until the sound quality is improved.

Please contact your Holden Retailer or Blaupunkt for further information.

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AUDIO

U1V

Holden Part No: 92107496

Bosch Part No: 8 622 403 280